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INFO	DMATION	ו חופו	CLOSURE	Application No.	10/618,140		
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SIAI	CIVICINIC	) i Ai	PLICANI	First Named Inventor	Albert K. Chin		
				Art Unit	3731	_	
				Examiner Name	Charles H. Sam	•	
Sheet	1	of	1	Attorney Docket Number	23488-07931		

	U.S. PATENT DOCUMENTS							
			Document No.					
	miner ials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
P	N		US-5,318,589	06-07-1994	Lichtman			
			US-5,571,161	11-05-1996	Starksen			
	\		US-5,713,950	02-03-1998	Cox			
			US-5,722,977	03-03-1998	Wilhelmy			
			US-5,755,765	05-26-1998	Hyde et al.			
			US-5,972,020	10-26-1999	Carpentier et al.			
			US-6,010,531	01-04-2000	Donlon et al.			
-			US-6,165,183	12-26-2000	Kuehn et al.			
			US-6,267,763	07-31-2001	Castro			
			US-6,287,250	09-11-2001	Peng et al.			
			US-2002/0052602	05-02-2002	Wang et al.			
			US-6,697,677	02-24-2004	Dahl et al.			
	4		US-6,889,091	05-03-2005	Hine et al.			

FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document				
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	L <sub>Q</sub>	

Examiner tnitiats*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	, <b>T</b> ⁰
		PCT International Search Report and Written Opinion, PCT/US04/00760, September 27, 2006, 7 pages.	

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Examiner Signature	N	$\mathcal{M}$	2	Date Considered	1/25/07

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

	Substitute for	form 1449.	A/PTO	Complete if Known			
INFO		u nic	CI OCUDE	Application No.	10/618,140		
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SIAI	EMENI	BYA	PPLICANT	First Named Inventor	Albert K. Chin		
	•			Art Unit	3731		
				Examiner Name	Charles H. Sam		
Sheet	1	of	1	Attorney Docket Number	23488-07931		

	U.S. PATENT DOCUMENTS								
		Document No.							
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document					
MTZ	A1	US-6,068,621	05-30-2000	Balceta et al.					
	A2.	US-6,048,337	04-11-2000	Svedman					
	А3	US-5,630,813	05-20-1997	Kieturakis					
4	A4	US-5,397,304	03-14-1995	Truckai					

FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document				
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	<b>T</b> 6	
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	OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS								
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		US-5,713,950	02-03-1998	Cox				
		US-5,722,977	03-03-1998	Wilhelmy				
		US-5,755,765	05-26-1998	Hyde et al.				
		US-5,972,020	10-26-1999	Carpentier et al.				
		US-6,010,531	01-04-2000	Donlon et al.				
		US-6,165,183	12-26-2000	Kuehn et al.				
		US-6,267,763	07-31-2001	Castro				
		US-6,287,250	09-11-2001	Peng et al.				
		US-2002/0052602	05-02-2002	Wang et al.				
		US-6,697,677	02-24-2004	Dahl et al.				
4		US-6,889,091	05-03-2005	Hine et al.				

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	Ι	Foreign Patent Document			
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		PCT International Search Report and Written Opinion, PCT/US04/00750, September 27, 2006, 7 pages.	

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<sup>&#</sup>x27;Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		Complete if Known
JINEORMATION DISCLOSURE	Application No.	10/618,140
OPTATRIALIT BY ADDI ICANT	Filing Date	July 10, 2003
STATEMENT BY APPLICANT	First Named Inventor	Albert K. Chin
MAY 3 1 2006 (5)	Art Unit	3731
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Sheet 1 of 1	Attorney Docket Number	23488-07931
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			U.S. PAT	ENT DOCUMENTS
		Document No.	·	
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
ATL	A1	US-6,007,546	12-28-1999	Snow et al.
	A2	US-5,980,548	11-09-1999	Evans et al.
	A3	US-4,235,246	11-25-1980	Weiss
	A4	US-4,022,191	05-10-1977	Jamshidi
1	A5 .	US-3,920,024	11-18-1975	Bowers
		US-		
	T -	US-		

			FOREIGN PATENT	OCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No.	Country Code <sup>5</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
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		Complete if Known
ANTORMATION DISCLOSURE	Application No.	10/618,140
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STATEMENT BY APPLICANT	First Named Inventor	Albert K. Chin
	Art Unit	3731
	Examiner Name	Charles H. Sam

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			U.S. PAT	ENT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
ATZ	A1	US-2003/0212446 A1	11-13-2003	Kaplan et al.
ATL	A2	US-2002/0111637 A1	08-15-2002	Kaplan et al.
MZ	А3	US-2002/0058925 A1	05-16-2002	Kaplan et al.

Attorney Docket Number

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			FOREIGN PATENT	OCUMENTS	·
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Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	16

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

	Complete if Known	
Application No.	10/618,140	
Filing Date	July 10, 2003	
First Named Inventor	Albert K. Chin	
Art Unit	-3731	
Examiner Name	Charles H. Sam	
Attorney Docket Number	23488-07931	

	U.S. PATENT DOCUMENTS						
			Document No.				
Exami Initial		Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
A	R	A1	US 3,920,024	11-18-1975	Bowers, D.		
		A2	US 4,235,246	11-25-1980	Weiss, L.		
		A3	US 6,096,064	08-01-2000	Routh, A.		
A.	/	A4	US 6,132,456	10-17-2000	Sommer et al.		
0-1		717		10-17-2000	Sommer et al.		

	FOREIGN PATENT DOCUMENTS				
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Τ <sup>6</sup> .
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	C1	PCT International Search Report and Written Opinion; PCT/US04/34538, November 3, 2005, 10 pages.	
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Substitute for form 1449A/PTO Application No. 10/618,140 INFORMATION DISCLOSURE Filing Date July 10, 2003 STATEMENT BY APPLICANT First Named Inventor Albert K. Chin Art Unit 3731 **Examiner Name** Not Yet Known Sheet Attorney Docket Number 23488-07931

U.S. PATENT DOCUMENTS						
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Examiner Initials*	Cite No.	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
ATL	A1	US-6,835,193 B2	12-28-2004	Epstein et al.		

			FOREIGN PATENT DO	CUMENTS	
	T	Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	τ⁴

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AND DISCLOSURE	Application No.	10/618,140
STATEMENT BY APPLICANT	Filing Date	July 10, 2003
T	First Named Inventor	Albert K. Chin
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	U.S. PATENT DOCUMENTS					
		Document No.		] .		
Examiner Initials*	Cite No.	Number – Kind Code² (if known)	Date MM-YYYY	Name of Patentee or Applicant of Cited Document		
ATZ	A1	US-2002/0173622 A1	11-21-2002	Wettstein et al.		
m	A2	US-2002/0177207 A1	11-28-2002	Sugiyama et al.		
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FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document			
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	C1	International Search Report and Written Opinion, PCT/US04/00760, July 6, 2005.	
	C2	Myers, E. L. et al., "Tsg101, an Inactive Homologue of Ubiquitin Ligase E2, Interacts Specifically With Human Immunodeficiency Virus Type 2 Gag Polyprotein and Results in Increased Levels of Ubiquinated Gag," J. Virol, November 2002, Vol. 76, No. 22.	

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Substitute for form 1449A/PTO Application No. 10/618,140 INFORMATION DISCLOSURE Filing Date July 10, 2003 STATEMENT BY APPLICANT First Named Inventor Albert K. Chin Art Unit 3731 **Examiner Name** Not Yet Known Attorney Docket Number Sheet 23488-07931

			U.S. PATENT	DOCUMENTS
		Document No.		
Examiner . Initials*	Cite No.	Number – Kind Code² (if known)	Date MM-YYYY	Name of Patentee or Applicant of Cited Document
ATL		US-5,437,680 A	08-1995	Yoon
MIL		US2002/0035361 A1	03-2002	Houser et al.
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	-	International Search Report and Written Opinion, PCT/US04/00859, June 20, 2005.	

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PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

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Art Unit	3731	
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A1	Us-5,669,927	09-1997	Boebel et al.			
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	No.	Cite Number – Kind Code <sup>2</sup> (if known)	Document No.  Cite Number - Kind Code² (if known)  Date MM-YYYY			

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		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T
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		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T⁰
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO Complete if Known Application No. 10/618,140 INFORMATION DISCIPOSURE Filing Date July 10, 2003 STATEMENT/BY APPLI **First Named Inventor** Albert K. Chin Art Unit 3731 **Examiner Name** Not Yet Known **Attorney Docket Number** Sheet 23488-07931

				U.S. PATE	NT DOCUMENTS
			Document No.		
Exami Initial		Cite Number – Kind Code <sup>2</sup> (if known)		Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
A	2	A1	US-6,706,052	03-16-2004	Chin
$\neg \top$		A2	US-6,607,547	08-19-2003	Chin
•	·	А3	US-6,569,082	05-27-2003	Chin
		A4	US 6,488,689	12-03-2002	Kaplan et al.
$\neg \neg$		A5	US-6,478,028	11-12-2002	Paolitto et al.
		A6	US-6,428,556	08-06-2002	Chin
		A7	US-6,322,536 B1	11/27/2001	Rosengart et al.
		A8	US-6,206,004	03-27-2001	Schmidt et al.
		A9	US-6,156,009	12-05-2000	Grabek
		A10	US-6,102,048	08/15/2000	Weinstein et al.
		A11	US-6,095,968	08-01-2000	Snyders .
		A12	US-6,085,754	07-11-2000	Alferness et al.
		A13	US-6,080,174	08-27-2000	Dubrul et al.
		A14	US-6,077,218	06-02-2000	Alfemess
		A15	US-6,039,748	03-21-2000	Savage et al.
		A16	US-6,036,714	03-14-2000	Chin
		A17	US-6,030,406	02-29-2000	Davis et al
		A18	US-5,972,013	10-26-1999	Schmidt
		A19	US-5,972,010	10-26-1999	Taheri
		A20	US-5,957,880	09-28-1999	Igo et al.
		A21	US-5,957,835	09-28-1999	Anderson et al.
		A22	US-5,897,586	04-27-1999	Molina
		A23	US-5,860,997	01-19-1999	Bonutti
		A24	US-5,810,878	09/22/1998	Burel et al.
4	1	A25	US-5,800,449	09/01/1998	Wales

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	Substitute for	form 1449/	A/PTQ	Complete if Known			
INEO		N DIE	CLOSURE	Application No.	10/618,140		
			PLICANT	Filing Date	July 10, 2003		
SIA		DI A	PLICANI	First Named Inventor	Albert K. Chin		
				Art Unit	3731		
				Examiner Name	Not Yet Known		
Sheet	2	of	8	Attorney Docket Number	23488-07931		

			U.S. PATE	NT DOCUMENTS
		Document No.		
Examine: Initials*	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
An	A26	US-5,797,946	08-25-1998	Chin
	A27	US-5,772,680	06-30-1998	Kieturakis et al.
	A28	US-5,762,604	06.09.1998	Kieturakis
	A29	US-5,738,628	04-14-1998	Sierocuk et al.
	A30	US-5,730,756	03-24-1998	Kieturakis
	A31	US-5,728,148	03-17-1998	Bostrom et al.
	A32	US-5,725,492	03-10-1998	Igo et al.
	A33	US-5,716,392	02-10-1998	Bourgeois et al.
	A34	US-5,707,390	01-13-1998	Bonutti
	A35	US-5,702,417	12-30-1997	Hermann
	A36	US-5,702,343	12-30-1997	Alfemess
	A37	US-5,695,504	12-09-1997	Gifford, III et al.
	A38	US-5,690,648	11-25-1997	Fogarty et al.
	A39	US-5,685,820	11-11-1997	Riek et al.
	A40	US-5,681,278	10-28-1997	Igo et al.
	A41	US-5,667,520	09-16-1997	Bonutti
	A42	US-5,653,726	08-05-1997	Kieturakis
	A43	US-5,653,722	07-1997	Kieturakis
	A44	US-5,650,447	07-22-1997	Keefer et al.
	A45	US-5,618,287	04-08-1997	Fogarty et al.
	A48	US-5,613,947	03-25-1997	Chin
	A47	US-5,613,937	03-25-1997	Garrison et al.
	A48	US-5,607,441	03-04-1997	Sierocuk et al.
	A49	US-5,601,589	02-11-1997	Fogarty et al.
4	A50	US-5,601,576	02/11/1997	Garrison

Examiner Signature Date Considered 11-25-07	
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PTC/SB/08A (10-01)

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	Substitute for	form 1449	A/PTO	Complete if Known			
· INFO	DMATIO	פוח וא	CLOSURE	Application No.	10/618,140		
_			PPLICANT	Filing Date	July 10, 2003		
SIA	I EIVIEIN I	D I A	PPLICANT	First Named Inventor	Albert K. Chin		
				Art Unit	3731		
				Examiner Name	Not Yet Known		
Sheet	3	of	8	Attorney Docket Number	23488-07931		

				U.S. PATE	NT DOCUMENTS
			Document No.		
Exam Initia		Cite No.1	Number Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
A	72	A51	US-5,591,192	01-07-1997	Privitera et al.
		A52	US-5,569,292	10-29-1996	Scwemberger et al.
		A53	US-5,569,291	10-29-1996	Privitera et al.
		A54	US-5,551,947	09-03-1996	Kaali .
		A55	US-5,540,711	07-30-1996	Kieturakis et al.
		A56	US-5,514,153	05-07-1996	Bonutti
		A57	US-5,498,345	03-05-1996	Kieturakis et al.
		A58	US-5,482,925	01-09-1996	Hutsell
		A59	US-5,464,447	11-07-1995	Fogarty et al.
		A60	US-5,385,156	01-31-1995	Oliva
		A61	US-5,376,076	12-27-1994	Kaali
		A62	US-5,373,840	12-20-1994	Knighton
		A63	US-5,339,801	08-23-1994	Poloyko et al.
		A64	US-5,334,150	08-02-1994	Kaali
		A65	US-5,331,975	07-26-1994	Bonutti
		A66	US-5,271,380	12-21-1993	Riek et al.
		A67	US-5,258,132	10-26-1993	Snyders
		A68	US-5,215,521	06-01-1993	Cochran et al.
		A69	US-5,183,464	02-02-1993	Dubrul et al.
		A70	US-5,163,949	11-1992	Bonutti
		A71	US-5,150,708	09-29-1992	Cox et al.
		A72	US-5,143,082	09-01-1992	Kindberg et al.
	,	A73	US-5,131,905	07-21-1992	Grooters
		A74	US-4,991,578	02-12-1991	Cohen
$\forall$	<u>′                                    </u>	A75	US-4,921,483	05-01-1990	Wijay et al.

Examiner Signature	7 Date Considered (1-25-0)	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

	Substitute for	form 1449.	A/PTO	Complete if Known			
INFO	DRA ATIOI	N DIE	CLOSURE	Application No.	10/618,140		
			PPLICANT	Filing Date	July 10, 2003		
SIAI	CIAICIAI	DI AI	PLICANI	First Named Inventor	Albert K. Chin		
				Art Unit	3731		
				Examiner Name	Not Yet Known		
Sheet	4	of	8	Attorney Docket Number	23488-07931		

			U.S. PATE	NT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No.1	Number – Kind Code² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
M	A76	US-4,863,440	09-05-1989	Chin
1	A77	US-4,784,133	11-15-1988	Mackin
	A78	US-4,779,611	10-25-1988	Grooters et al.
	A79	US-4,765,341	08-23-1988	Mower et al.
	A80	US-4,662,371	05-05-1987	Whipple et al.
	A81	US-4,630,609	12-23-1986	Chin
	A82	US-4,526,175	07-02-1985	Chin et al.
	A83	US-4,493,711	01-15-1985	
	A84	US-4,479,497	10-30-1984	Fogarty et al.
	A85	US-4,319,562	03-16-1982	Crosby
	A86	US-4,318,410	03-09-1982	Chin
	A87	US-4,291,707	09-29-1981	Heilman et al.
	A88	US-4,271,839	06-09-1981	Fogarty et al.
	A89	US-4,270,549	06-02-1981	Heilman
	A90	US-4,181,123	01-01-1980	Crosby
	A91	US-RE29,088	12-28-1976	Shaw
	A92	US-3,934,115	01-20-1976	Peterson
	A93	US-3,882,854	05-13-1975	Hulka et al.
	A94	US-3,870,048	03/11/1975	Yoon .
	A95	US-3,856,016	12-24-1974	Davis
	A98	US-3,357,433	12-12-1967	Fourestier et al.
	A97	US-3,336,916	08-22-1987	Edlich
	A98	US-3,185,155	05-25-1965	Slaten et al.
	A99	US-2,944,552	07-12-1960	Cannon
4	A100	US-2,868,206	01-13-1959	Stoesser

Examiner Signature	laly	Date Considered	11-25-07

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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	Substitute for	form 1449.	A/PTO	Complete if Known				
INEO		N DIS	CLOSURE	Application No.	10/618,140			
				Filing Date	July 10, 2003			
SIAI	CINICIAI	DI AI	PPLICANT	First Named Inventor	Albert K. Chin			
				Art Unit	3731			
				Examiner Name	Not Yet Known			
Sheet	5	of	8	Attorney Docket Number	23488-07931			

		·	U.S. PAT	ENT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
MZ	A101	US-2,316,297	04-13-1943	Southerland et al.
	A102	US-2,028,635	01-21-1936	Wappler
	A103	US-2,011,169	08-13-1935	Wappler
	A104	US-1,867,624	07-19-1932	Hoffman
	A105	US-1,727,495	12-08-1926	Wappler ·
	A106	US-702,789	06-17-1902	Gibson
4	A107	US-207,932	09-10-1878	Alvord

			FOREIGN PA	ATENT DOCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentée or Applicant of Cited Document	Τ'
ATZ	B1	DE 39 42 589	22.12.1989	Olympus Optical Co.	
7//	B2	EP 0791330 A2	08/27/1997	Cardiothoracic Systems, Inc.	
	B3	EP 0095727A1	12-07-1983	Purdue Research Foundation	
1	B4	EP 0 642 764	13.09.1994	United States Surgical Corporation	
	B5	FR 1 370580	1962	Fourestier et al.	
	B6	GB 2 082 459	13.08.1981	Atrium Medical	
<del></del>	87	GB 2 195 540	18.09.1987	Anthony James Milne	
+	B8	SU 510235	15.04.1976		
1	B9	SU 1371689	20.03.1986		
	B10	WO 99/13936	03-25-1999	Comedicus Incorporated	<u> </u>
+	B11	WO 99/13785	03-25-1999	Comedicus Incorporated	
	B12	WO 98/24488 A3	08-11-1998	Comedicus Incorporated	<del></del>
<u>.</u>	B13	WO 98/24488 A2	06-11-1998	Cornedicus Incorporated	

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	Substitute for	form 1449,	VPTO		Complete if Known	
· INFO	DM ATIO	א חופי	CLOSURE	Application No.	10/618,140	
				Filing Date	July 10, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Albert K. Chin	
	STATEMENT BY APPLICAN		Art Unit	3731		
				Examiner Name	Not Yet Known	
Sheet	6	of	8	Attorney Docket Number	23488-07931	

			FOREIGN PA	ATENT DOCUMENTS	
		Foreign Patent Document	,		
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	. Т
MR	B14	WO 98/24378	06-11-1998	Cornedicus Incorporated	
	B15	WO 96/32882	10/24/1996	Heartport, Inc.	
	B16	WO 96/00038	01-04-1996	Cormedics Corp.	

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	•
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>0</sup>
AR	C1	BARTOCCIONI, S., et al., Laparoscopic Harvesting of Right Gastroepiploic Artery for Coronary Artery Bypass Graft Performed Without Stemotomy (online), [retrieved on 10-5-1999] Retrieved from the internet <url:http: 2628<="" doc="" td="" www.ctsnet.org=""><td></td></url:http:>	
7	C2	BENETTI, Federico, et al., "Video Assisted Coronary Bypass Surgery", J Card Surgery, 1995, pp. 620-625	
	СЗ	BERNHARD, Victor M. et al., "Cardiovascular Endoscopy: Historical Perspectives", Endovascular Surgery, 1989 W.B. Saunders Company, pp. 13-30	
	C4	BROADMAN, R. et al., "ICD Implantation via Thoracoscopy, "Mailslot" Thoracotomy, and Subxiphoid Incision," The Annals of Thoracic Surgery, Vol. 57, No. 2, February 1994, pp. 475-476.	
	C5	CARPENTIER, A., "Technique d'implantation de pace-maker par une voie d'abord abdominale sous-xyphoidienne," La Presse Medicale, Masson et Cie, Editeurs, Paris, Vol. 76, No. 2, January 13, 1968, 2 pp.	
	C6	Comedicus Gets Approval to Sell Product in European Union, March 1, 1999, Swenson NHB Investor Relations, 4 pages.	
	C7	DE FEYTER, P.J. et al., "Permanent Cardiac Pacing with Sutureless Myocardial Electrodes: Experience in First One Hundred Patients," PACE, Vol 3, No. 2, March 1980, pp. 144-149.	
	C8	DELARIA, G.A. et al., "Leg Wound Complications Associated With Coronary Revascularization", J.Thorac, Cardiovasc.  Surgery, 81:403-407, 1981.	
	C9	DIMITRI, W.R., et al., "A Quick and Atraumatic Method of Autologous Vein Harvesting Using the Subcutaneous Extraluminal Dissector", J. Cardiovasc. Surg., 28:103-11, 1987	
	C10	FOGARTY, M.D., Thomas J., et al., "Selected Applications of Balloon Dissection", pp. 45-52	
1	C11	FONTENELLE, Larry, J., "Subxiphoid Pericardial Window", Thoracic and Cardiovascular Surgery, The American Association for Thoracic Surgery, July 1971, Vol. 62, No. 1, pp. 95-97	

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Examiner Signature	$j \mathcal{N}$	y	Date Considered	11-85-07
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	Substitute for	form 1449A/P	то		Complete if Known	
INIE	ORMATIO	N DISC	OSLIDE	Application No.	10/618,140	•
				Filing Date	July 10, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Albert K. Chin	
				Art Unit	3731	
	•			Examiner Name	Not Yet Known	
Sheet	7	of	8	Attorney Docket Number	23488-07931	

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>©</sup>
AD	C12	GRANDJEAN, Jan G., et al., "Coronary Reoperation via Small Laparotomy Using Right Gastroepiploic Artery Without CPB",	
1110	C13	Society of Thoracic Surgeons, 1996, pp.	<del> </del>
		HAUER, G., et al. *Endoscopic Subfascial Discussion of Perforating Vein*, Surg. Endos. 2:5-12, 1988	
	C14	KAMINSKI, Diane, "Firm Aims to Bypass Heart-piercing Treatments", Medical Industry Today, Medical Data International, September 23, 1998	
	C15	"Incision Decision", Atrium Medical Corporation advertisement, appearing in J. Thorac. Cardiovasc. Surg., 83(4), 1982	
	C16	KIRKLIN, John W., et al., "Cardiac Surgery: Morphology, Diagnostic Criteria, Natural History, Techniques, Results, and Indications", Vol. 2, Second Edition, 1993, Chapter 52, p. 1695	
	C17	LEVIN, Bradley H., "The Subxiphoid Pericardial Window", Surgery, Gynecology & Obstetrics, December 1982, Vol. 155, pp. 804-806	
	C18	MELDRUM-HANNA, W. et al., "Long Saphenous Vein Harvesting," J. Surg., 56: 923-924, 1986.	
	C19	MOAZAMI, N., M.D. et al., "Minimally Invasive Greater Saphenous Vein Harvesting For Coronary Artery Bypass Surgery", March 1997, pp. 94-98	
	C20	PRAGER, Richard L., et al., "The Subxiphoid Approach to Pericardial Disease", The Annals of Thoracic Surgery, Vol. 34, No. 1, July 1982	
	C21	RASHID, A., et al., "Subcutaneous Technique for Saphenous Vein Harvest", Ann. Thorac. Surg., 37(2):159-170, 1984	
	C22	SABISTON, David C., Jr., et al., "Atlas of Cardiothoracic Surgery", W.B. Saunders Company, 1995, pp. 235-237	-
	C23	SANTOS, Gil H., et al., "The Subxiphoid Approach in the Treatment of Pericardial Effusion", Albert Einstein College of Medicine, September 21, 1976, pp.467-470	
	C24	"Saphenous Vein Grafts Are No. 1. Period," Atrium Medical Corporation advertisement, appearing in J. Thorac. Cardiovas.  Surg., 82(6), 1981	
	C25	SIMONSEN, Michael, Ph.D., "Researchers Undaunted by Setbacks in the Angiogenesis Sector", American Health Consultants, Vol. 5, No. 5, May 1999	
	C26	SPODICK, David H., "Directly Applied Cardiac Therapy: Experts Explore Potential Benefits", Internal Medicine World Report, 1998	,
	C27	SPODICK, David H., *IPTD: Intrapericardial Therapeutics and Diagnostics: The PerDUCER Permits Direct Access to the	
		Heart*, Cath-Lab Digest, September 1999, Volume 7, Number 9	
	C28	STEWART, S., M.D., *Placement of the Sutureless Epicardial Pacemaker Lead by the Subxiphoid Approach,* The Annals of	
<b>\</b>		Thoracic Surgery, Vol. 18, No. 3, September 1974, pp. 308-313.	

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Examiner Signature	N	ily	Date Considered	11-25-07	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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	Substitute for I	orm 1449.	APTO		Complete if Known	
INFORMATION DISCLOSURE		Application No.	10/618,140			
	STATEMENT BY APPLICANT	Filing Date	July 10, 2003			
317	(IEMENI	o i Ai	PLICANI	First Named Inventor	Albert K. Chin	
				Art Unit	3731	
				Examiner Name	Not Yet Known	
Sheet	8	of	8	Attorney Docket Number	23488-07931	

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>0</sup>
ATL	C29	The 4th International Symposium on Intrapericardial Therapeutics and Diagnostics, March 6, 1999, New Orleans, Louisiana	
ATL	C30	WATKINS, Jr., L., M.D. et al., "Implantation of the Automatic Defibrillator: The Subxiphoid Approach," The Annals of Thoracic Surgery, Vol. 34, No. 5, November 1982, pp. 515-520	
An	C31	WHEATLEY, D.J., M.D., ed., "Surgery of Coronary Artery Disease", C.V. Mosby Company, pp. 348-349, pp. 374-375	
AR	C32	ZENATI M., M.D. et al., "Left Heart Pacing Lead Implantation Using Subxiphoid Videopericardioscopy," J. Cardiovasc Electrophysiol, Vol. 14, September 2003, pp. 949-963.	
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Examiner Signature	61	Date Considered	11-25-07
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Substitute for form 1449A/PTO Application No. 10/618,140 INFORMATION DISCLOSURE Filing Date July 10, 2003 STATEMENT BY APPLICANT First Named Inventor Albert K. Chin Art Unit 3731 **Examiner Name** Not Yet Known **Attorney Docket Number** Sheet of 23488-07931

	U.S. PATENT DOCUMENTS							
		Document No.						
Examiner Initials*	Cite No.	Number – Kind Code² (if known)	Date MM-DD-YYYY	/ Name of Patentee or Applicant of Cited Document				
AR		US-5,569,183	10-29-1996	Kieturakis, Maciej J.				
			-					

			FOREIGN PATENT	DOCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T⁰
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		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
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	U.S. PATENT DOCUMENTS						
		Document No.					
Examiner Initials*	Cite No.	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
ATZ	A1	US-5,391,156	02-21-1995	Hildwein et al.			
"	A2	US-6,010,531	01-04-2000	Donlon et al.			
	A3	US-6,126,590	10-03-2000	Alferness, Clifton A.			
1	A4	US-6,463,332B1	10-08-2002	Aldrich, William N.			
	A5	US-6,612,978B2	09-02-2003	Lau et al.			
	A6	US-6,689,048B2	02-10-2004	Vanden Hoek et al.			
1	A7	US-6,702,732B1	03-09-2004	Lau et al.			

	-		FOREIGN PA	TENT DOCUMENTS	
		Foreign Patent Document			1
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	To
M	B1	WO97/26831	07-31-1997	Chin, Albert K.	

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS					
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U.S. PATENT DOCUMENTS						
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Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
ATR		5,904,711	05-18-1999	Flom et al.		

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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT				Filing Date	July 10, 2003	
STATEMENT BY APPLICANT			LICANI	First Named Inv ntor	Albert K. Chin	
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		Document No.				
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	
AR	A1	US-5,902,331	05/11/1999	Bonner et al.	÷ .	
ATZ	A2	US-5,336,252	08/09/1994	Cohen		

			FOREIGN PATEN	T DOCUMENTS	
		Foreign Patent Document			
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	<u></u>	OTHER REFER	ENCES - NON-PAT	ENT LITERATURE DOCUMENTS	<u></u>
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		Document No.		Name of Patentee or
Examiner Initials*	Cite No.	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document
40	A1	US-6,346,074	02/12/2002	Roth
MIC	A2	US-6,237,605	05/29/2001	Vaska et al.
-+-	A3	US-6,162,195	12/19/2000	Igo et al.
-+-	A4	US-6,010,531	01/04/2000	Donlon et al.
- +	A5	US-5,931,810	08/03/1999	Grabek
	A6	US-5,900,433	05/04/1999	Igo et al.
	A7	US-5,827,216	10/27/1998	Igo et al.
	A8	US-5,755,764	05/26/1998	Schroeppel
	A9	US-5,634,895	06/03/1997	Igo et al.
	A10	US-5,433,198	07/18/1995	Desai
	A11	US-5,246,014	09/21/1993	Williams et al.
	A12	US-5,129,394	07/14/1992	Mehra
	A13	US-5,071,428	12/10/1991	12/10/1991
	A14	US-5,033,477	07/23/1991	Chin et al.
	A14	ÚS-4,957,477	09/18/1990	Lundback

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